

INCH-POUND

MIL-DTL-13486/15B
4 August 2000
SUPERSEDING
MIL-C-13486/15A
6 June 1989

DETAIL SPECIFICATION SHEET

CABLE, SPECIAL PURPOSE, ELECTRICAL: LOW-TENSION, HEAVY-DUTY, SINGLE CONDUCTOR, UNSHIELDED

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of MIL-DTL-13486 listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation, except construction shall be as indicated in table I of this specification sheet.

REQUIREMENTS:

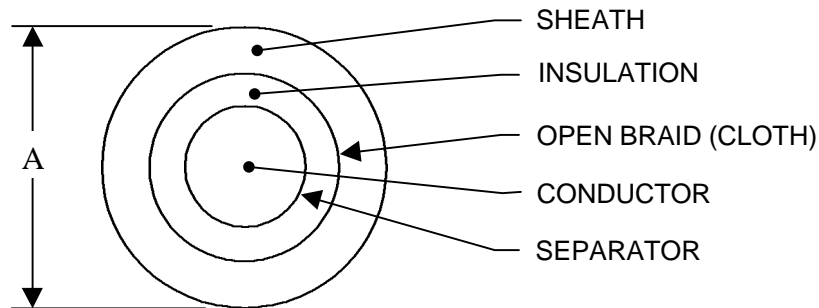


FIGURE 1. Configuration.

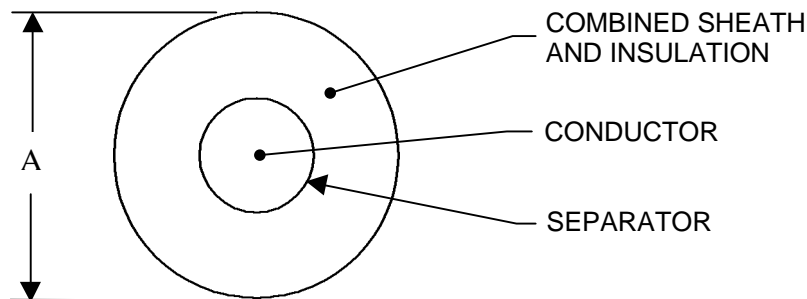


FIGURE 2. Configuration for optional construction.

Dimensions and configuration. See figure 1 and table I of this specification sheet.

Dimensions and configuration (optional construction). See figure 2 and table I of this specification sheet.

Insulation and sheath materials (optional construction). Monomer EPM or equal.

Part or Identifying Number (PIN): See table I of this specification sheet.

TABLE I. Cable configuration.

| PIN | Conductor AWG size | Minimum number of 0.0063 inch wires | Suggested lay-up of stranding ^{1/} | Approximate conductor diameter (inch) | Diameter "A" (inch) |
|-------------|-----------------------|----------------------------------------------|---------------------------------------------------|---------------------------------------------|---------------------------|
| M13486/15-1 | 0 | 2646 | 7x7x54 | .423 | .672 ± .010 |
| M13486/15-2 | 00 | 3325 | 19x7x25 | .508 | .730 ± .020 |
| M13486/15-4 | 0000 | 5320 | 19x7x40 | .645 | .865 ± .020 |

NOTE:

- ^{1/} Other stranding construction may be used provided they contain the minimum number of strands, and are of equivalent flexibility.

CONCLUDING MATERIAL

Custodians:

Navy - SH
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

Review activities:

Army - AR, CR
Navy - MC, OS
Air Force - 71, 80, 82, 84, 99

(Project 6145-2192-015)